

Microwave power (W) Chamber material and inner	400	800	1200	1600
surface processing conductivity(Ω'·m'')	÷			
SUS (no inner surface processing) 1.4×10^6	×	×	×	×
Pb (inner surface processing onto SUS) 4.8 × 10 ⁶	×	×	×	◁
Ta (inner surface processing onto SUS) 8.0×10^6	×	×	.0	0
W (inner surface processing onto SUS) 1.7×10^7	×	0	0	0
Al (inner surface processing onto SUS) 3.7×10^7	0	0	0	0
Au (inner surface processing onto SUS) 4.3 × 107	0	0	0	0
Cu (Inner surface processing onto SUS) 6.0×10^7	0	0	0	0
Ag (inner surface processing onto SUS) 6.3×10^7	0	0	0	0
Irmer surface processing thickness: 10 μ M) μ m O plasma stable	ble A plasma unstable	1	v no activation of plasma cansed

O plasma stable \triangle plasma unstable \times no activation of plasma caused Fig.

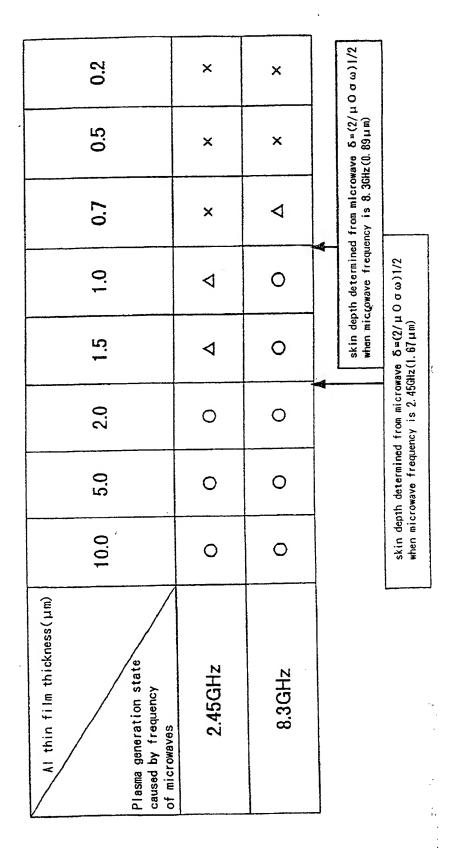
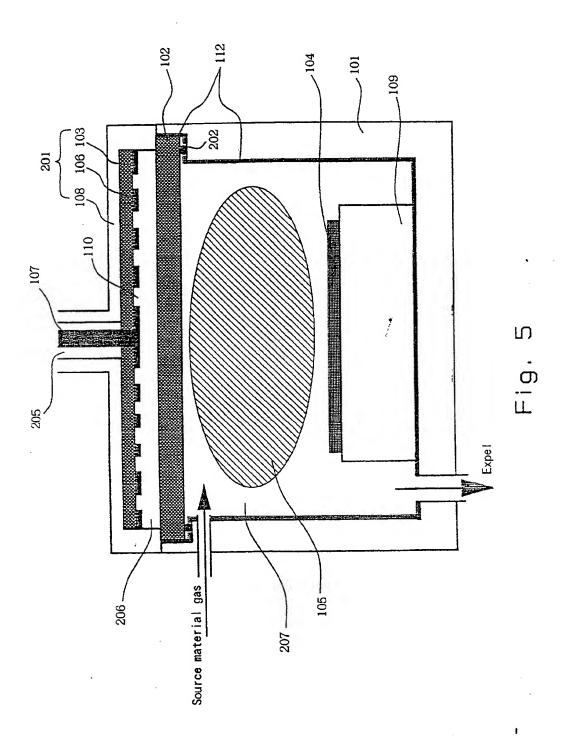
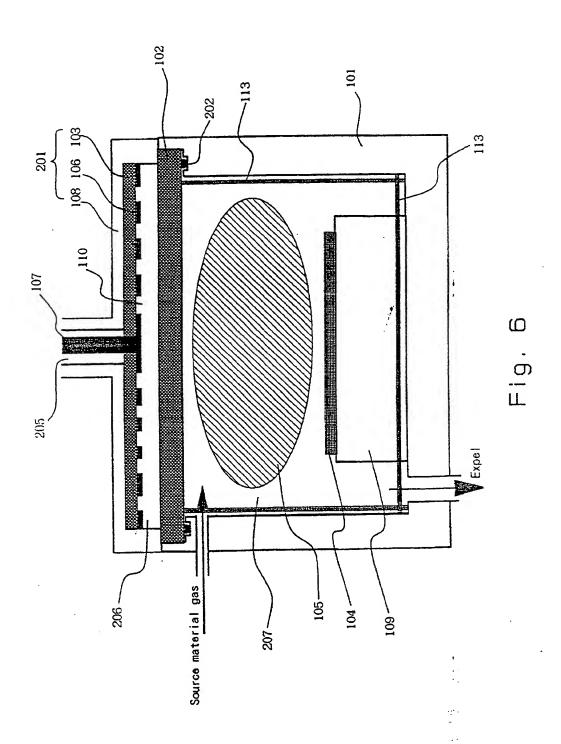
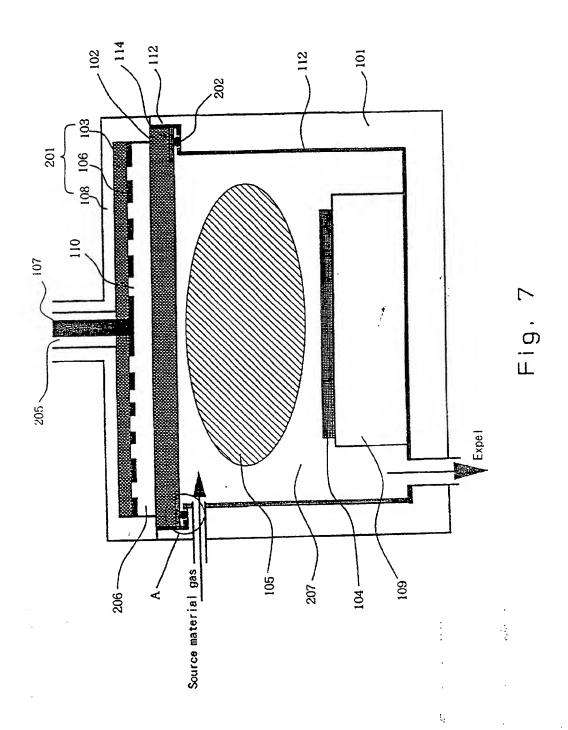
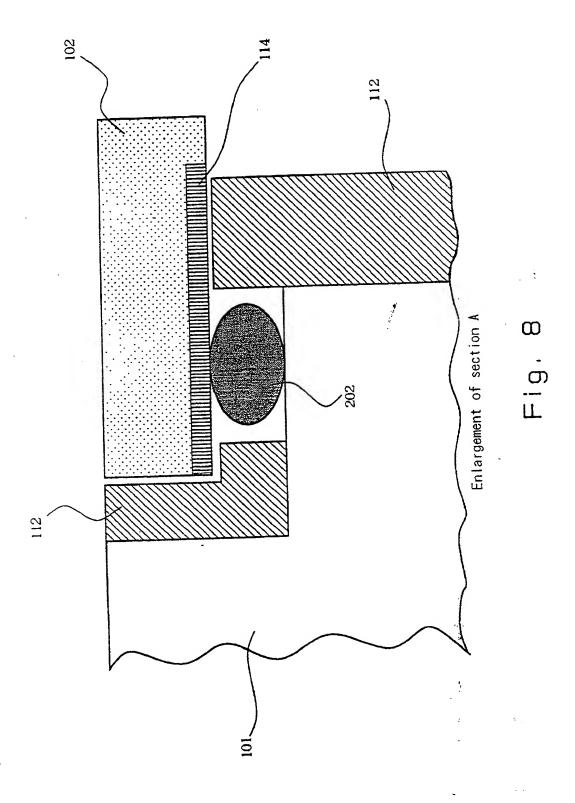


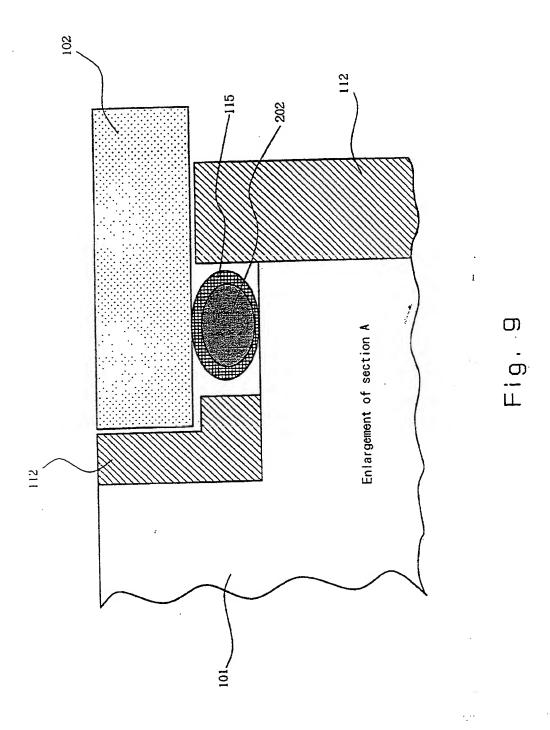
Fig. 4

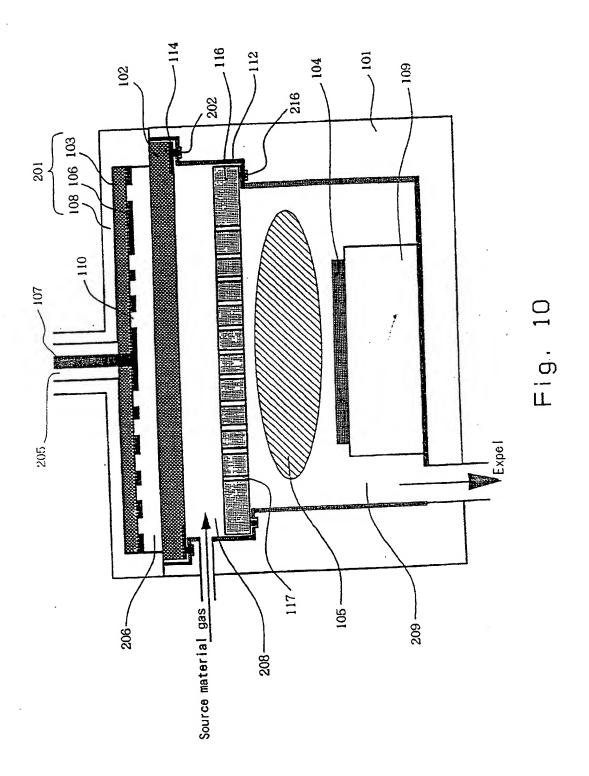


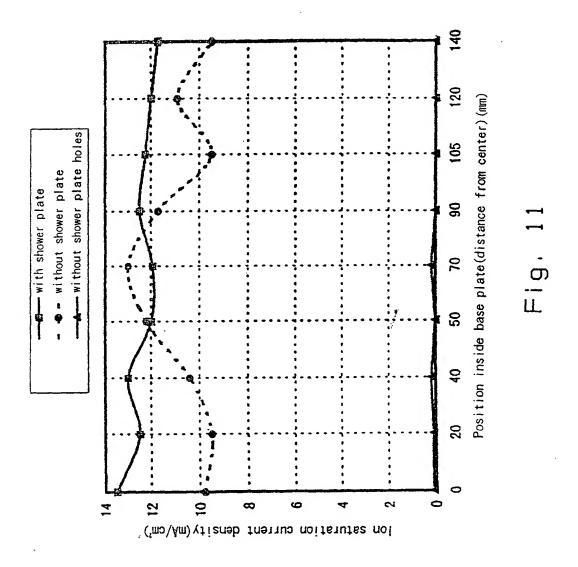


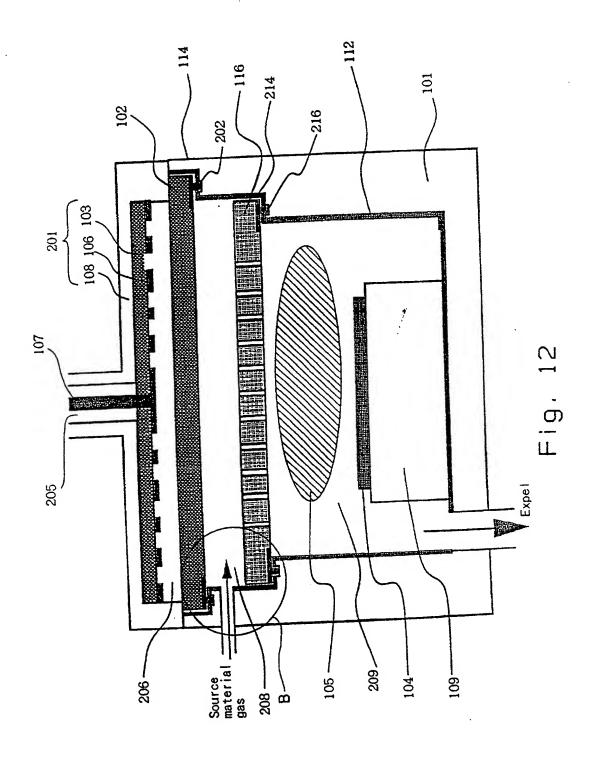


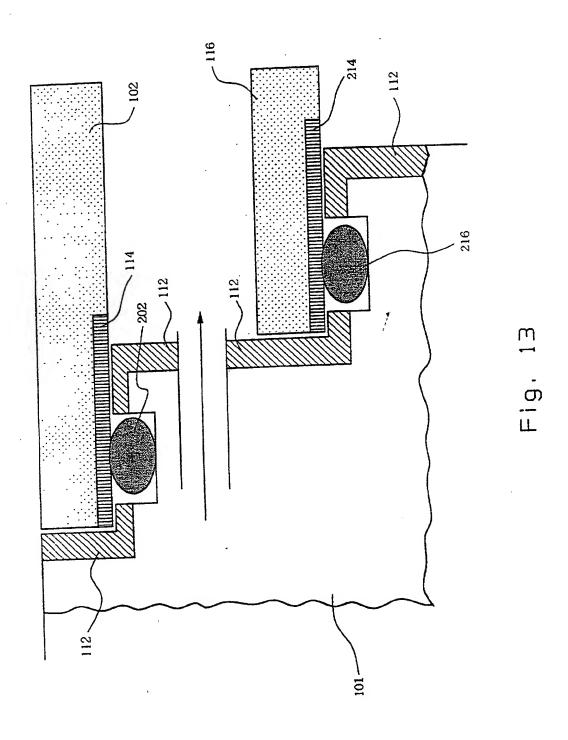


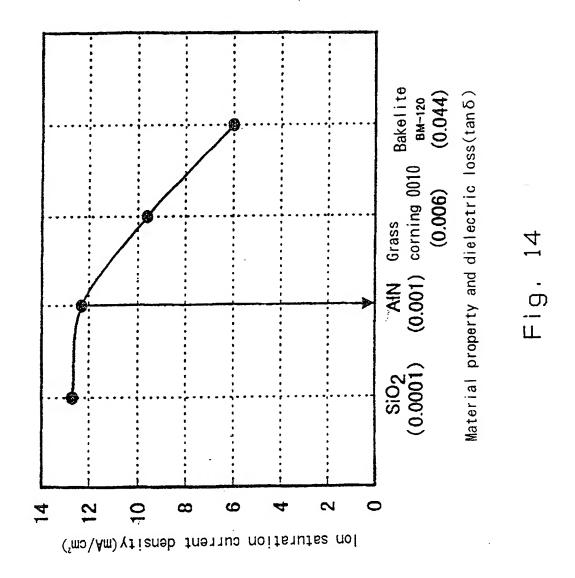


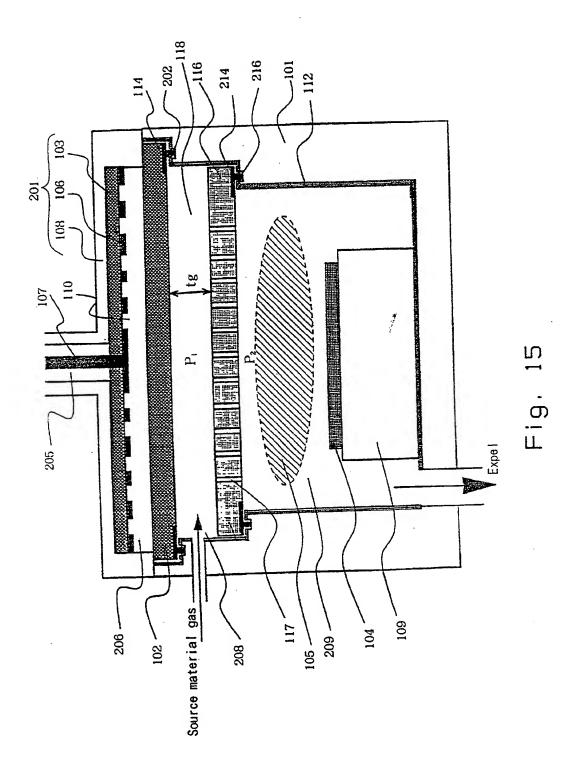












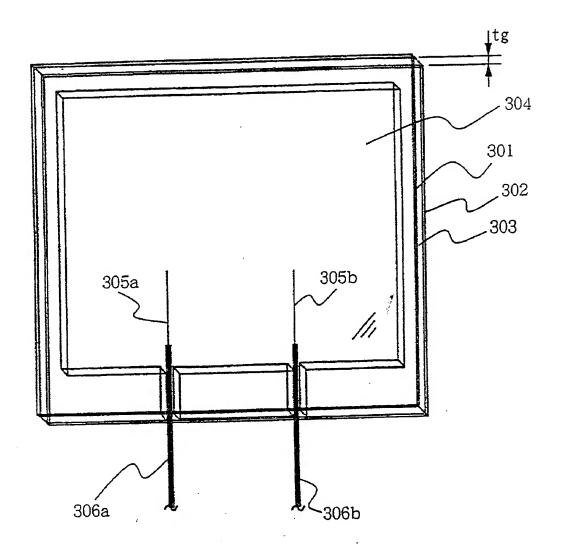


Fig. 16

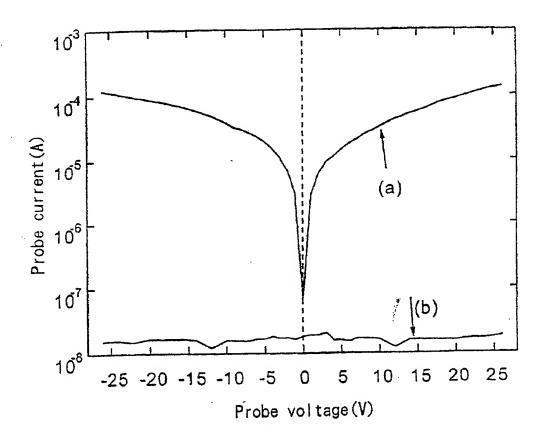
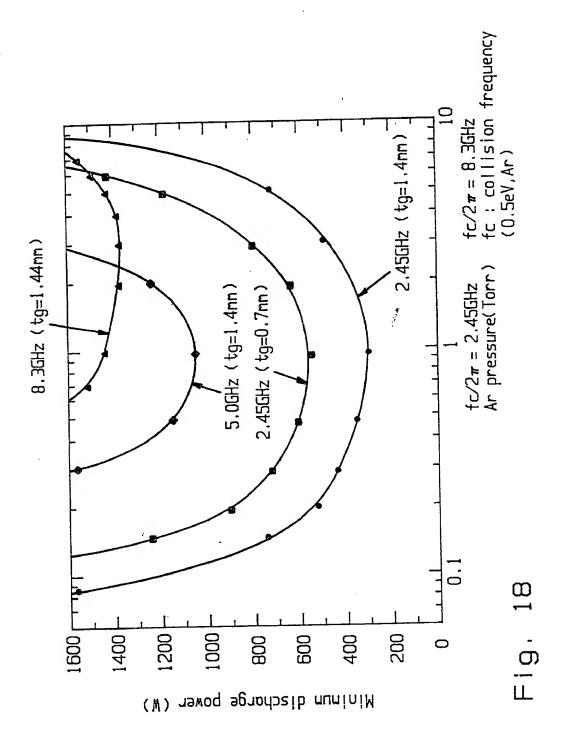
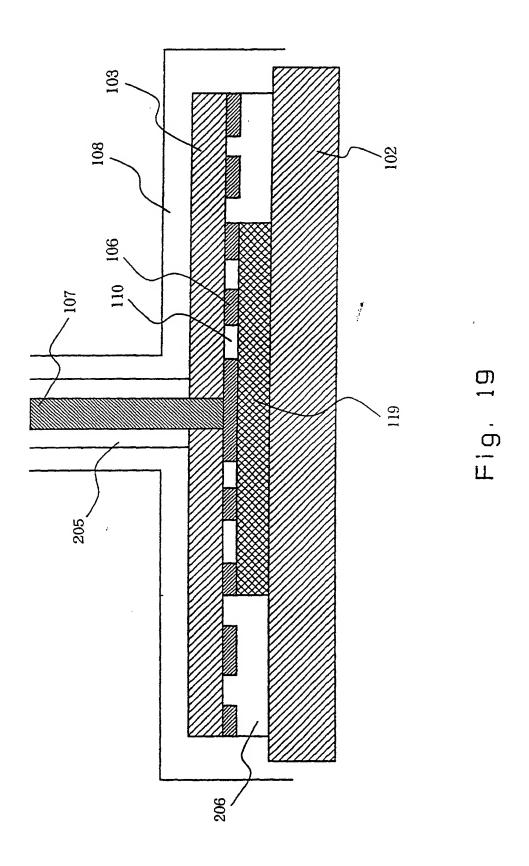
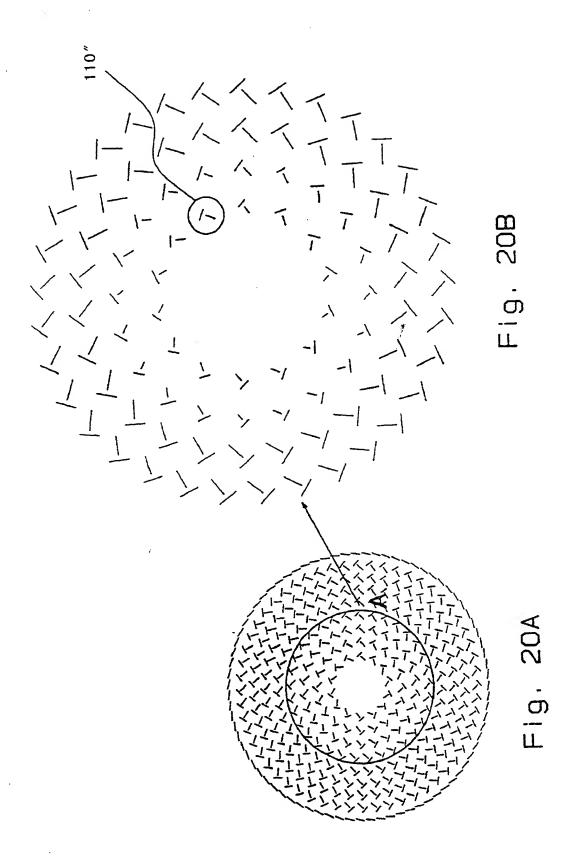
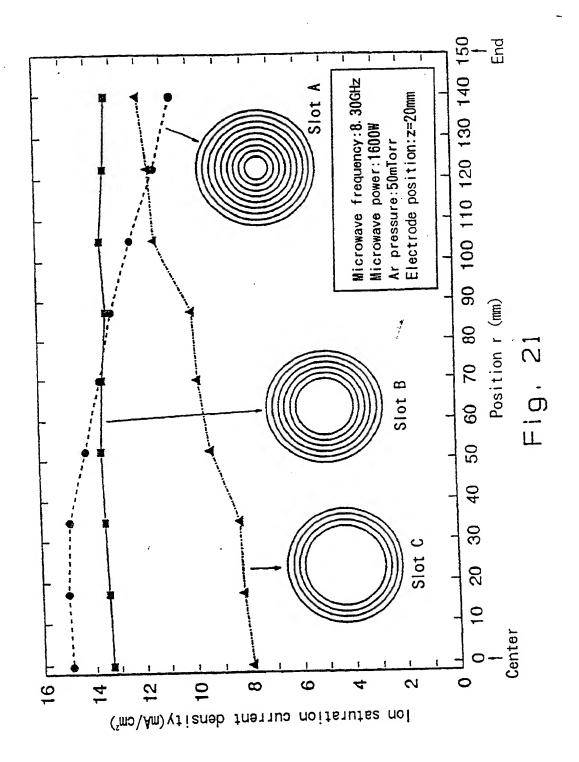


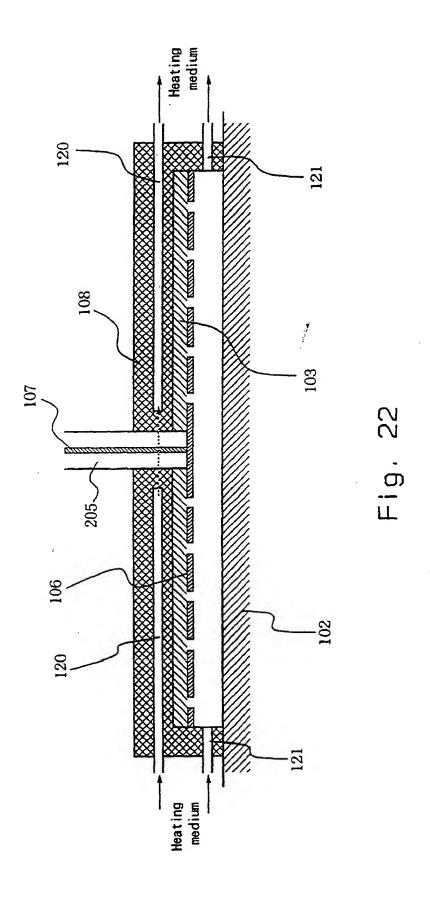
Fig. 17

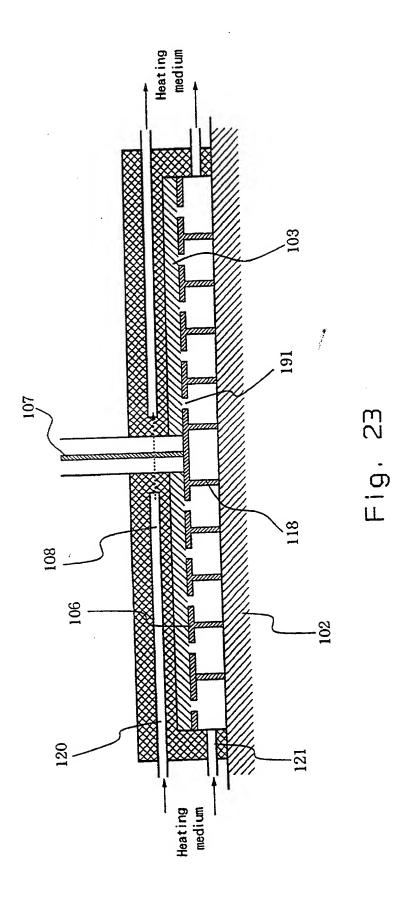


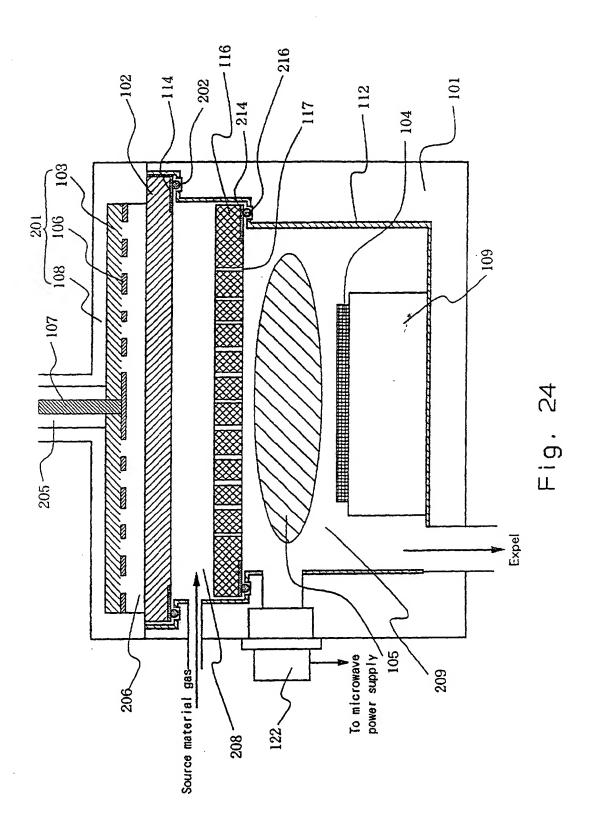












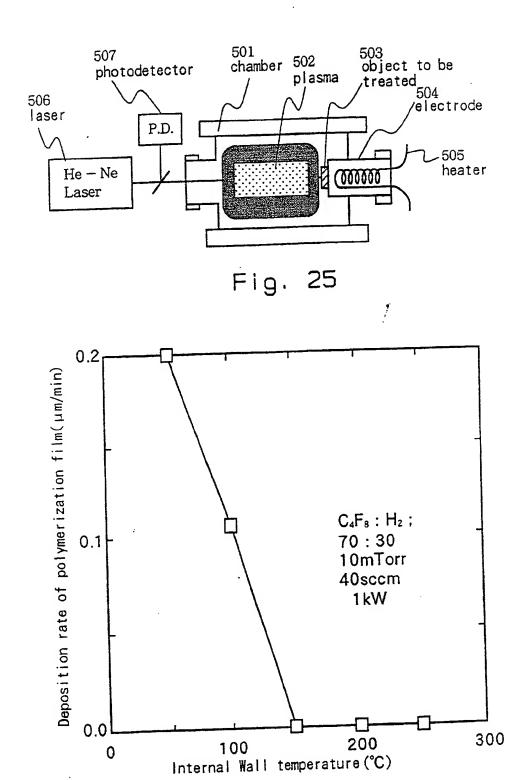
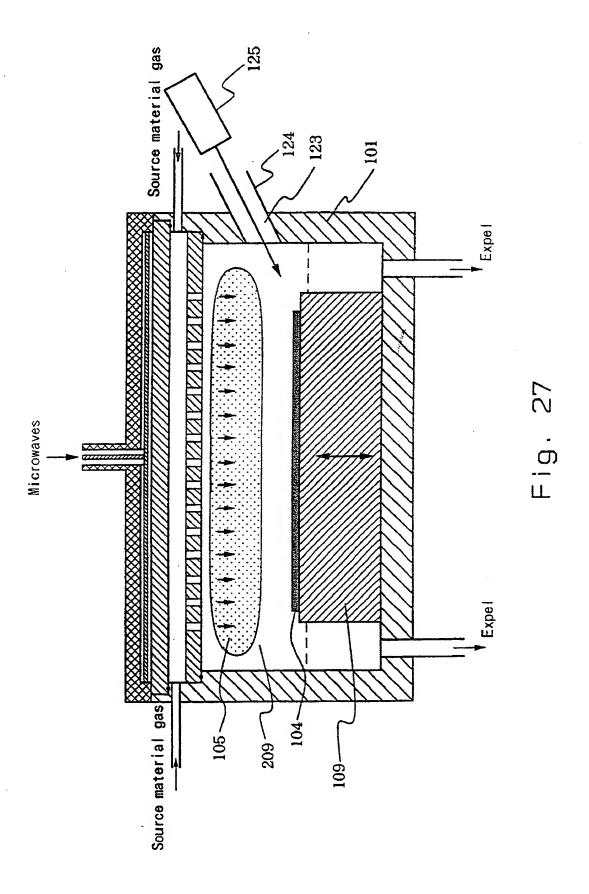
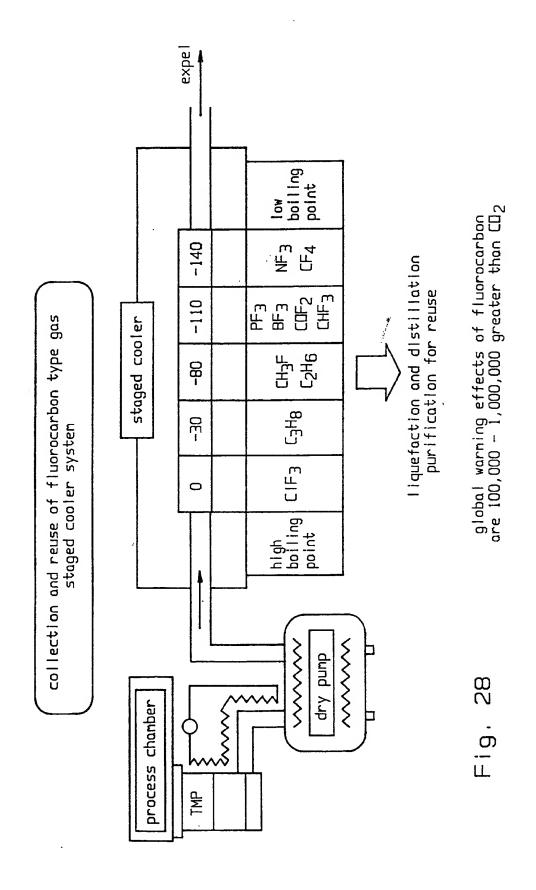
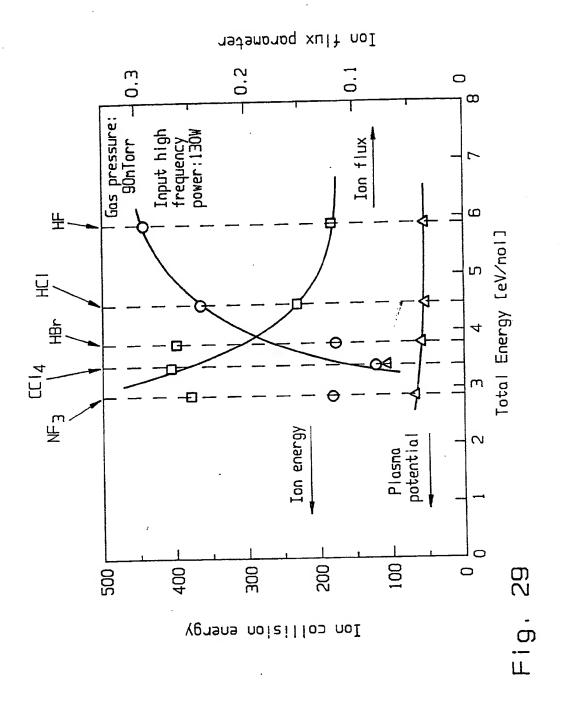
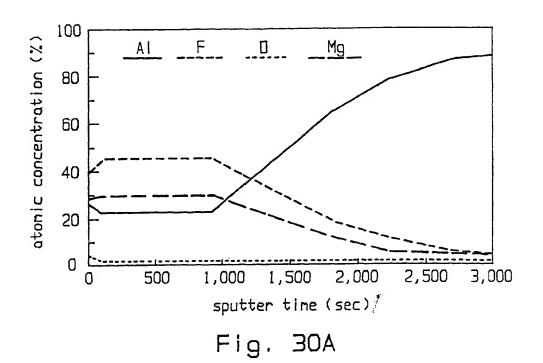


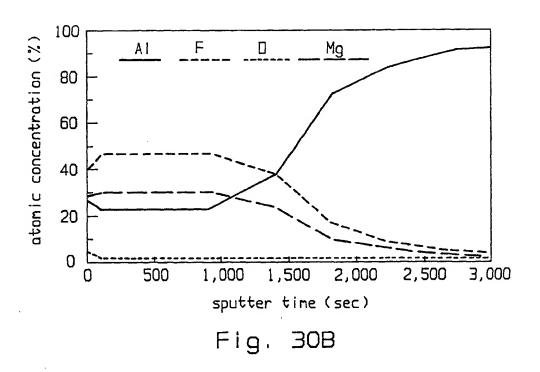
Fig. 26

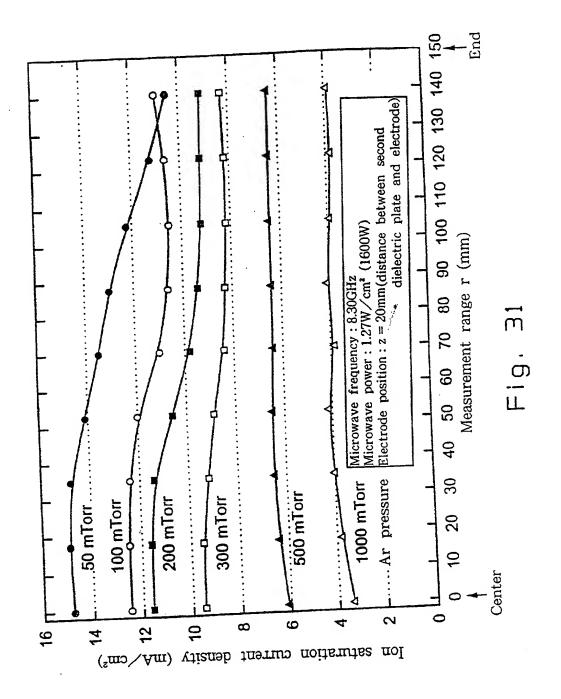


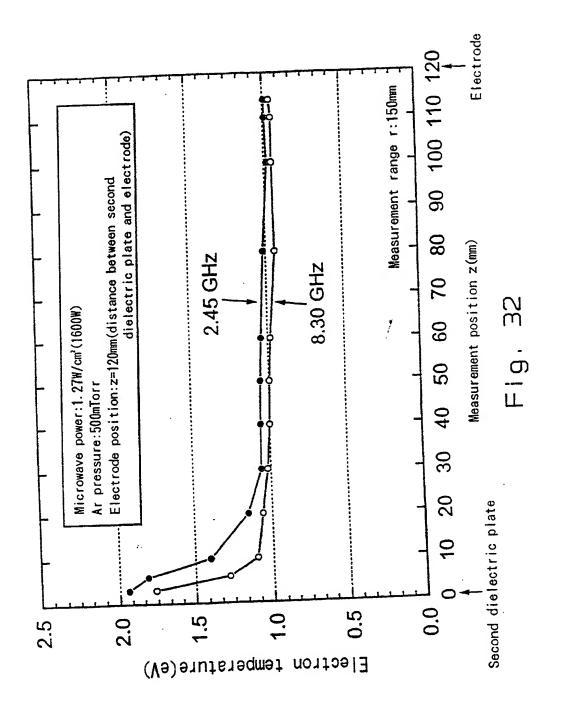


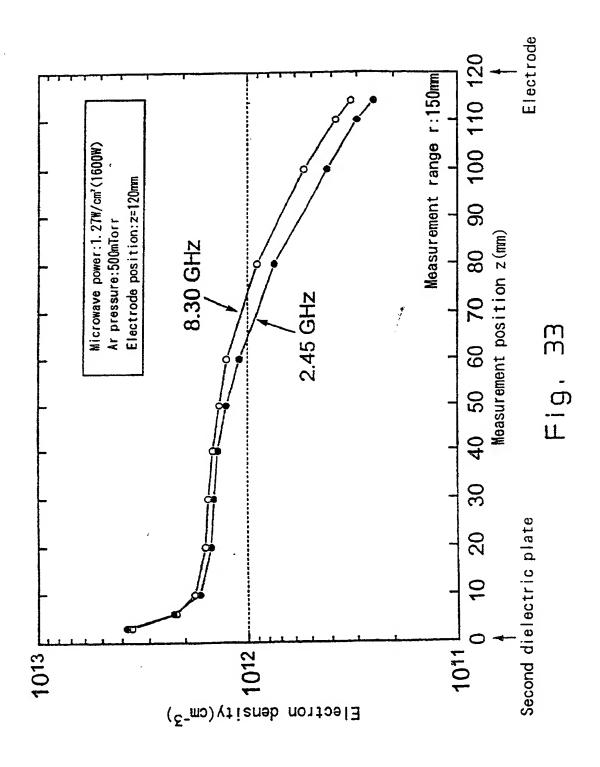












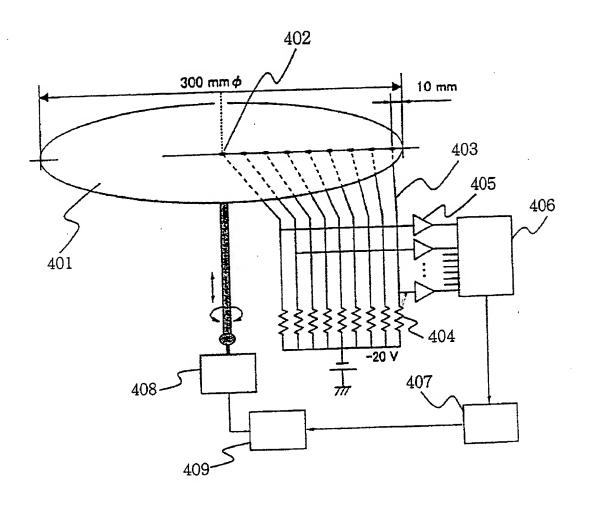


Fig. 34

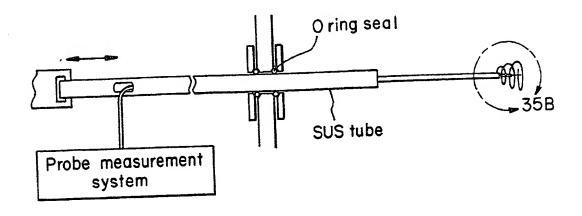


Fig. 35A

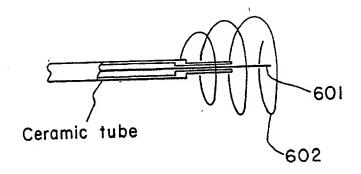
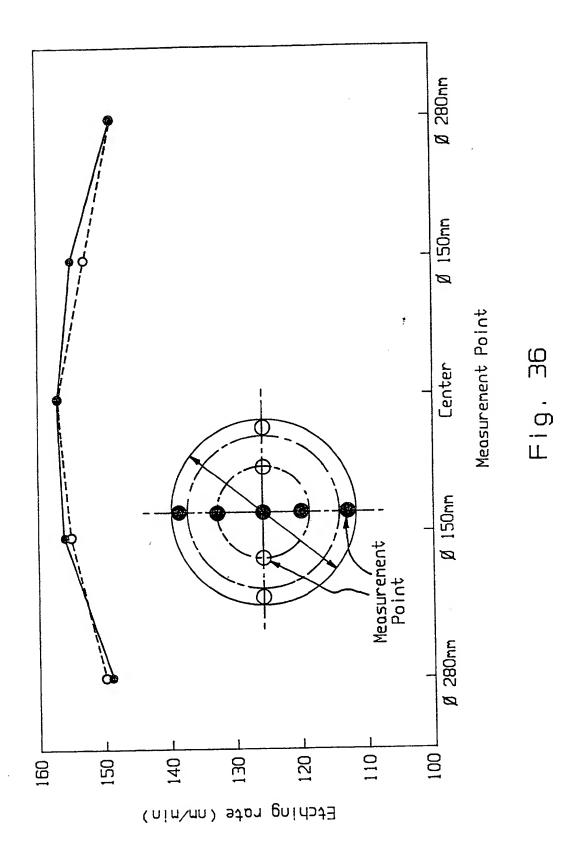


Fig. 35B



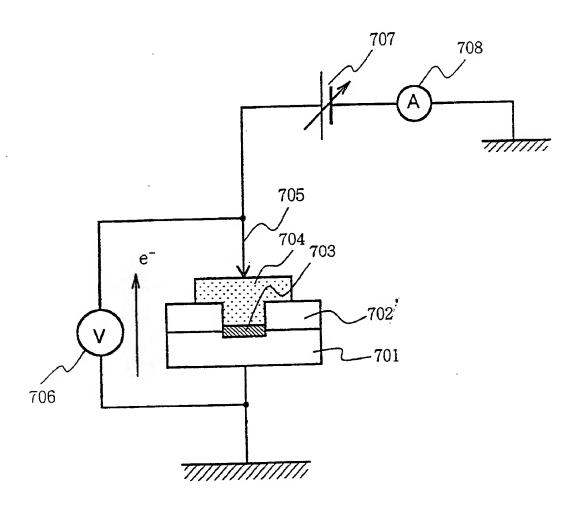
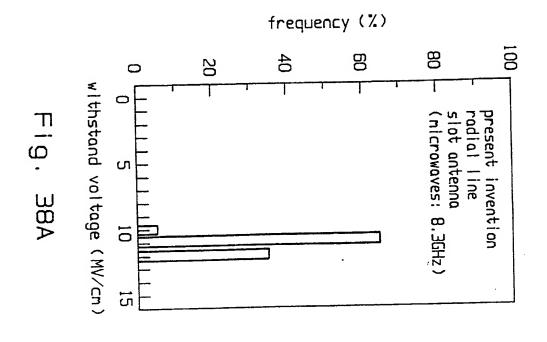
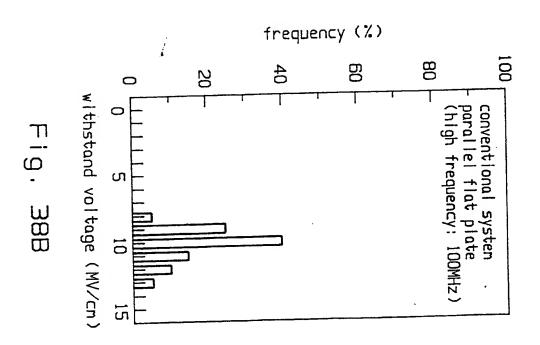
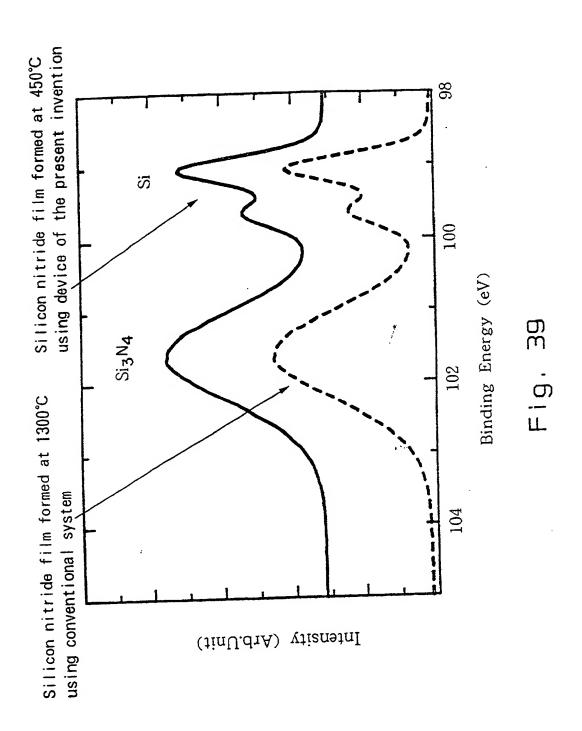
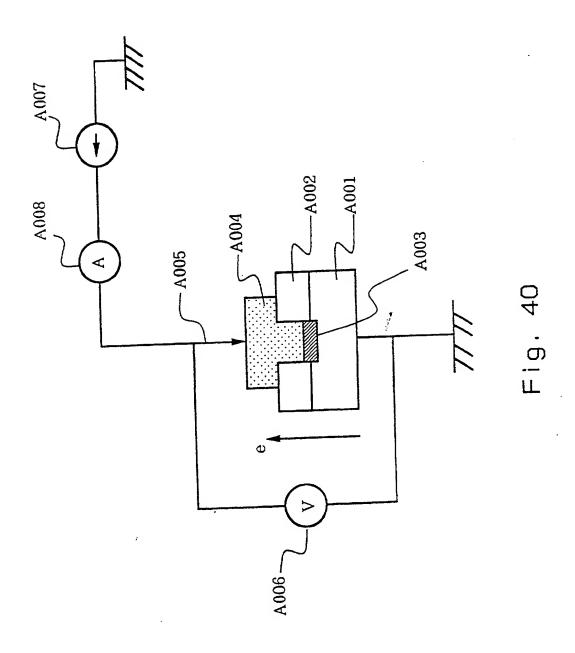


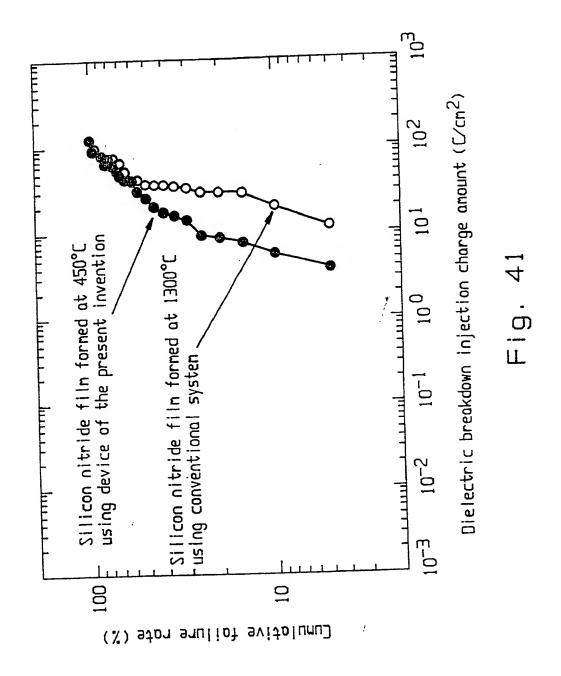
Fig. 37

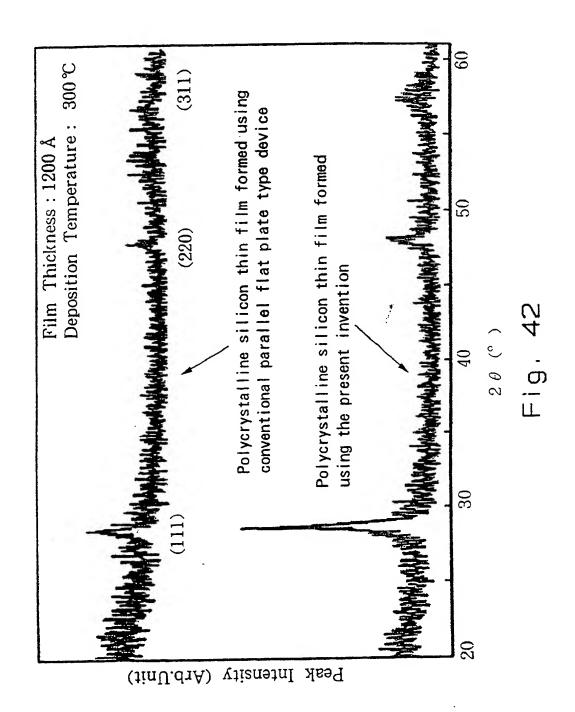


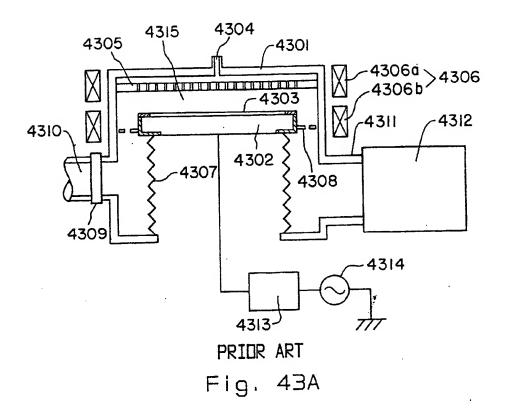


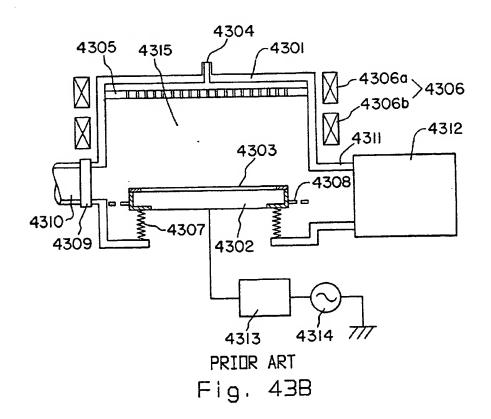












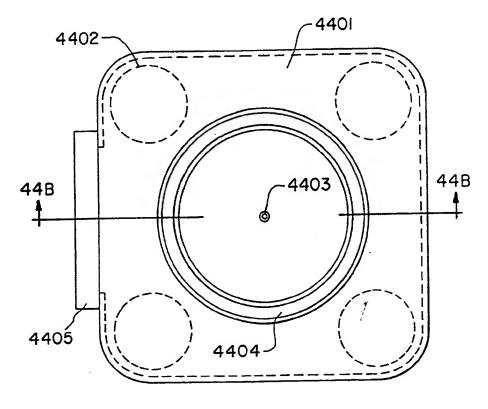


Fig. 44A

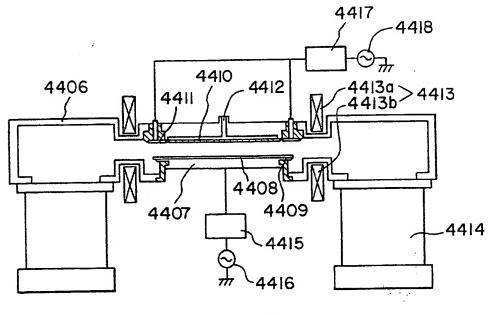
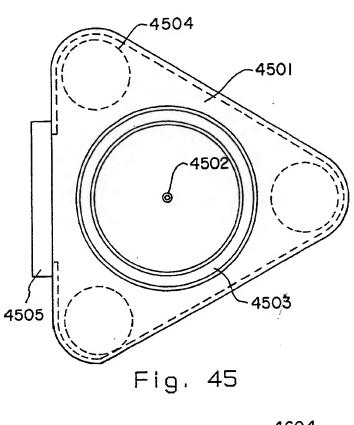
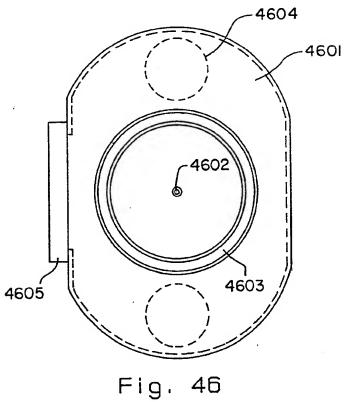


Fig. 44B





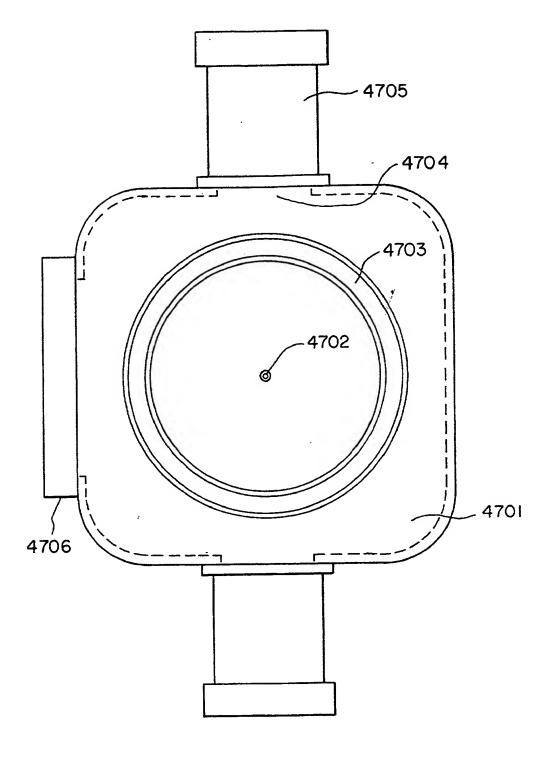


Fig. 47

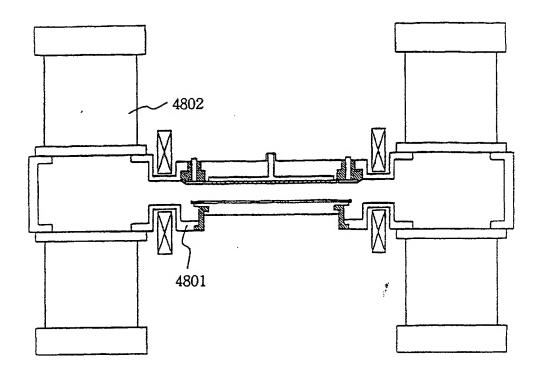


Fig. 48

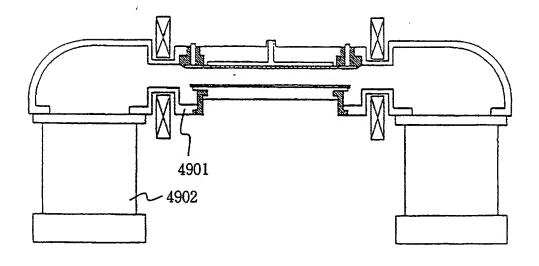
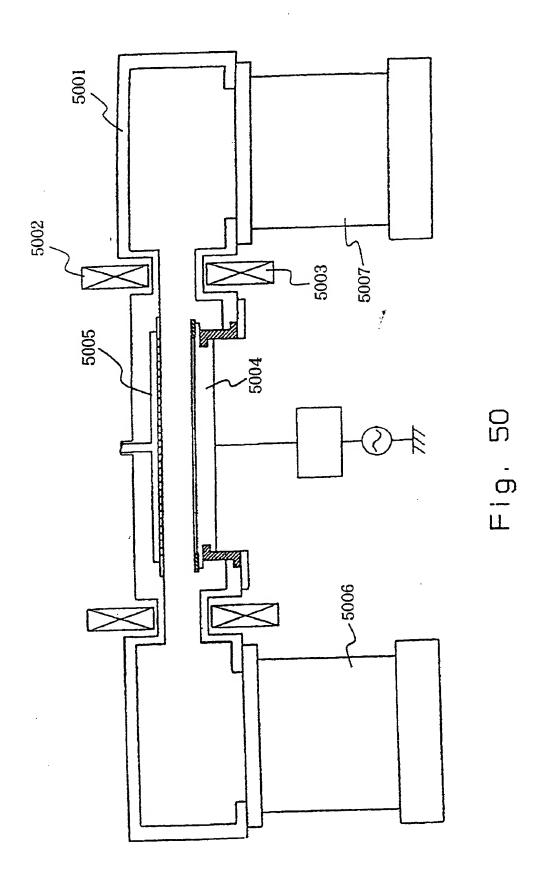


Fig. 49



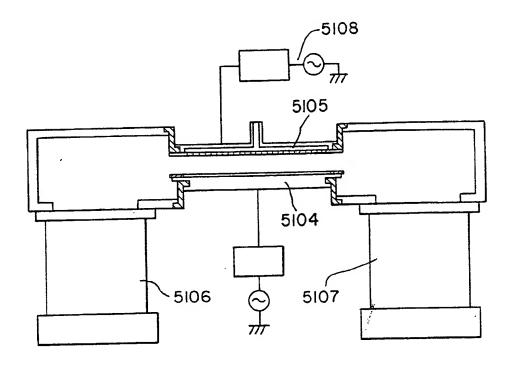


Fig. 51

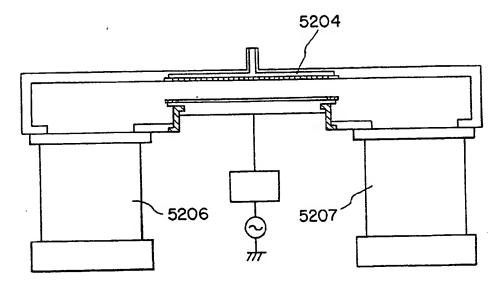
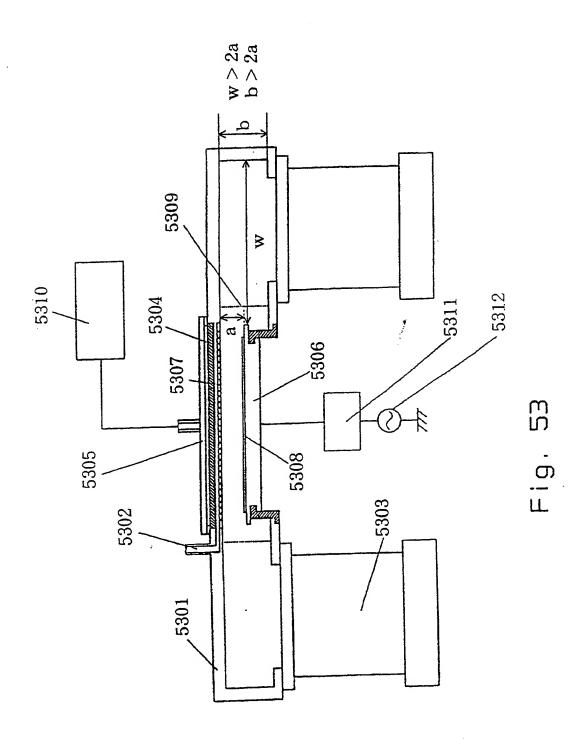
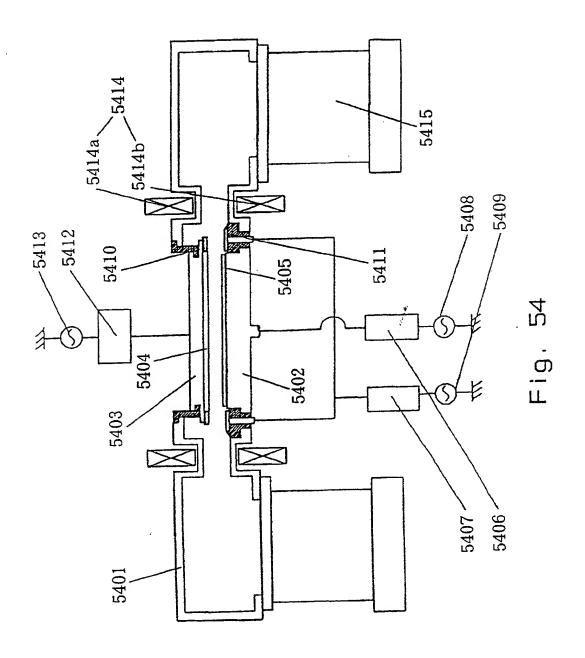
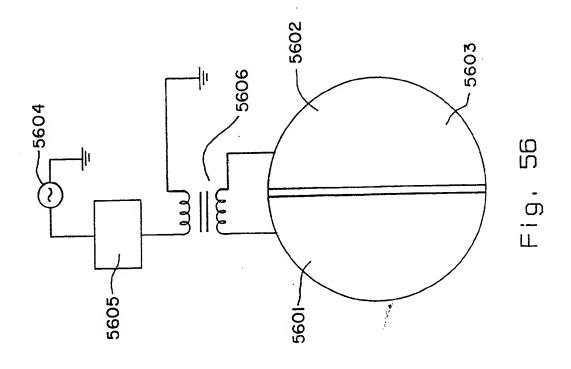
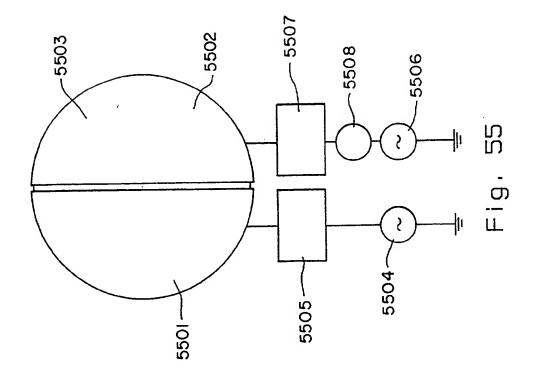


Fig. 52









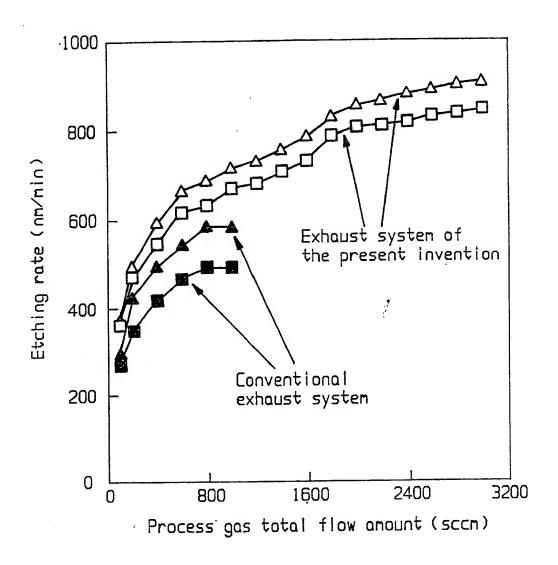


Fig. 57

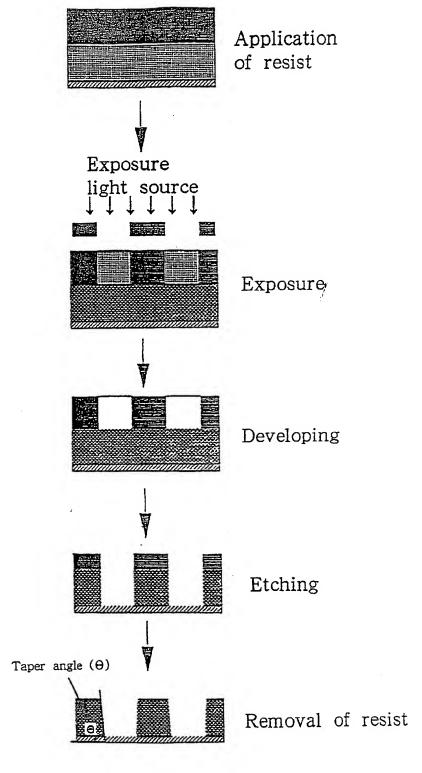
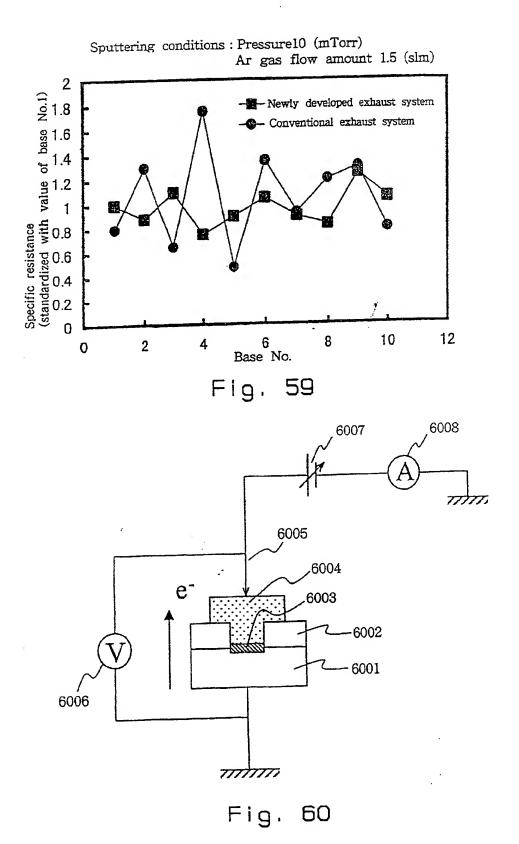
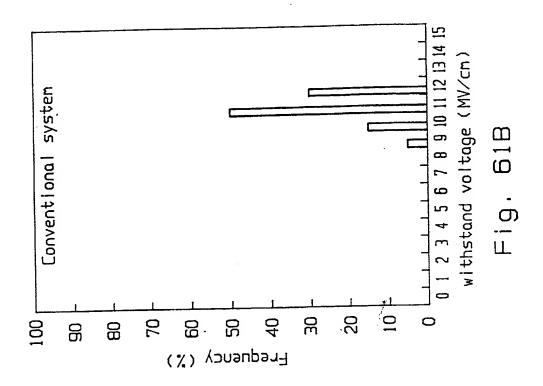
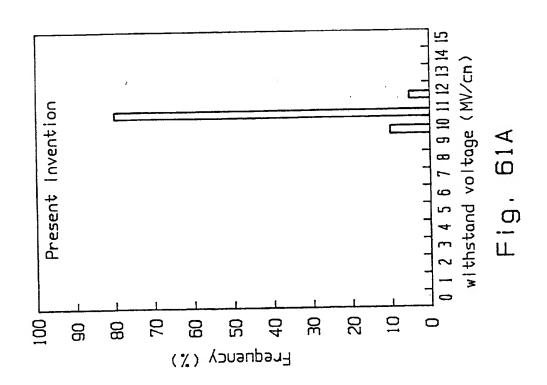


Fig. 58







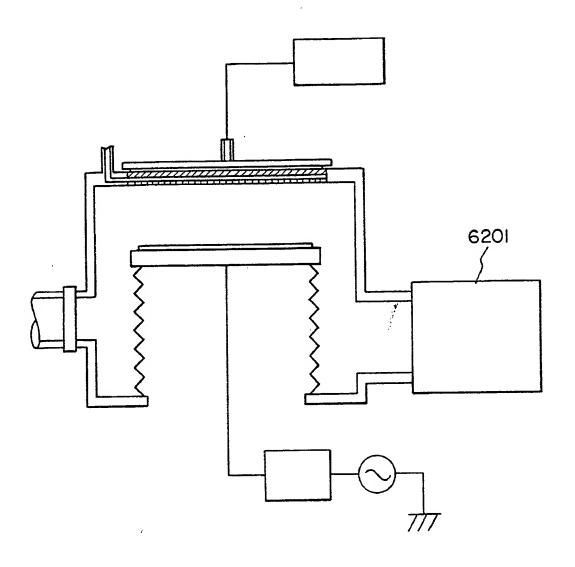
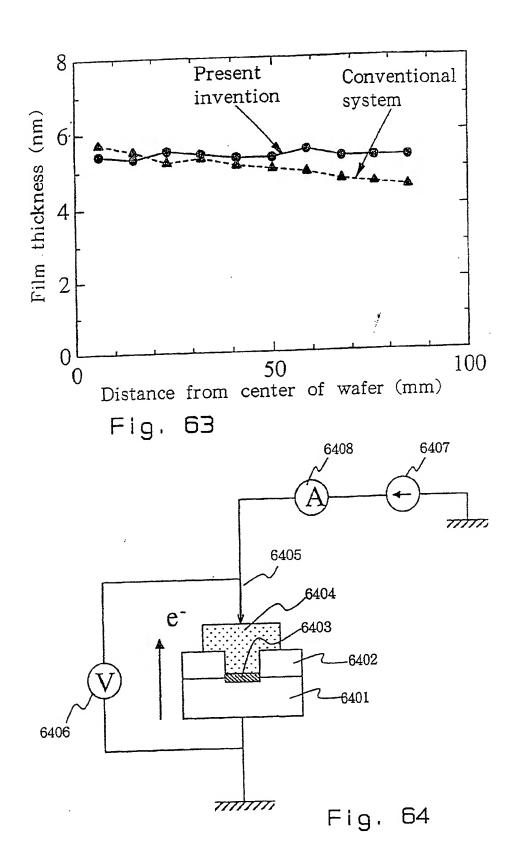
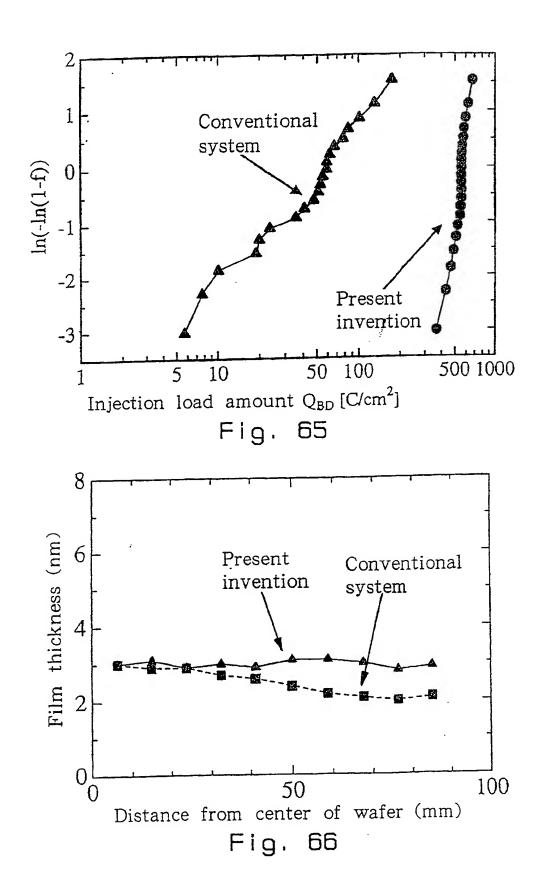
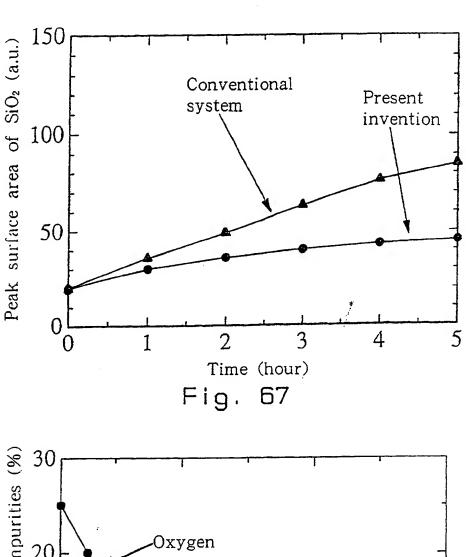


Fig. 62







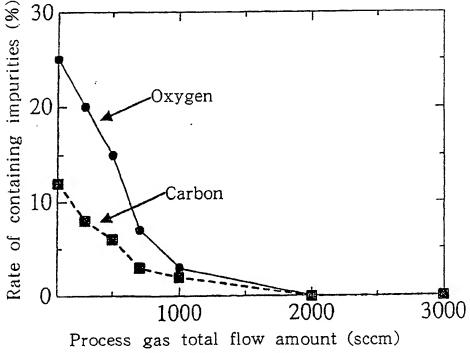
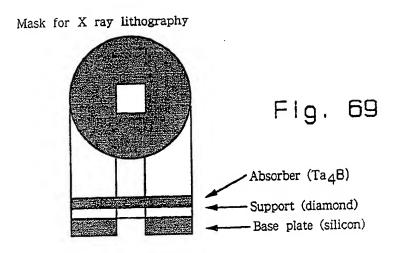
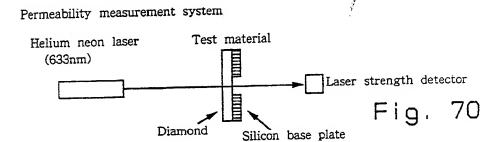
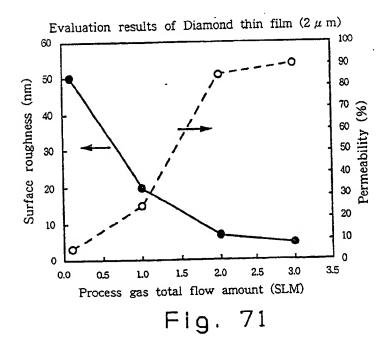
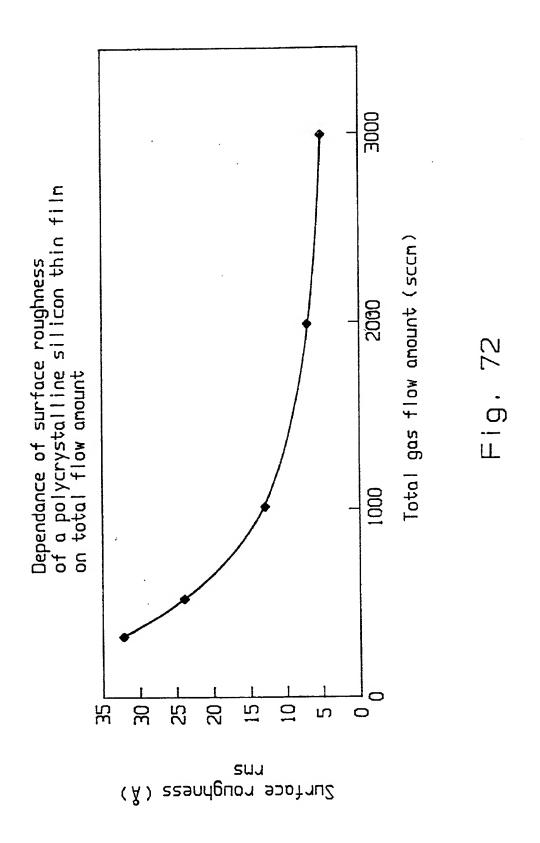


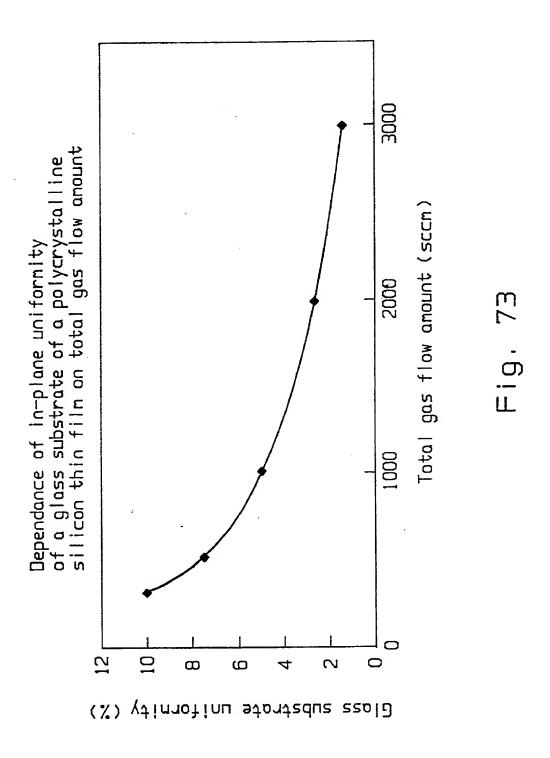
Fig. 68

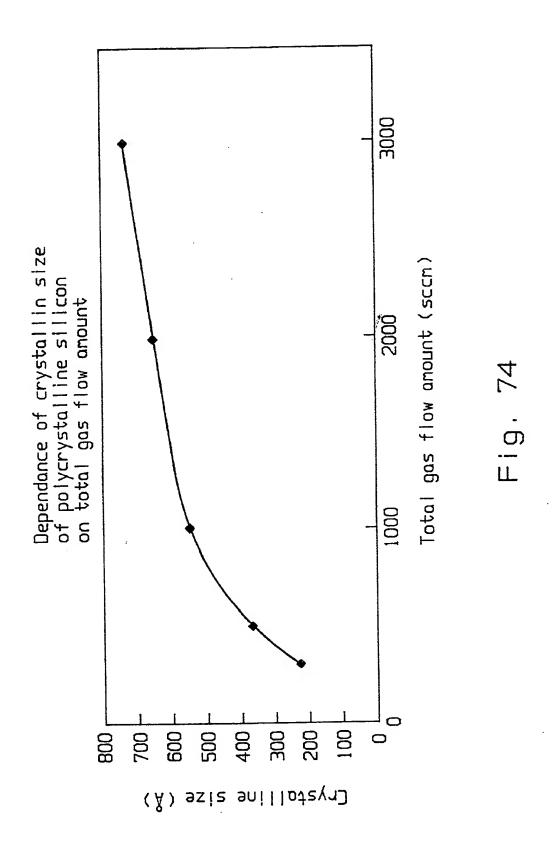


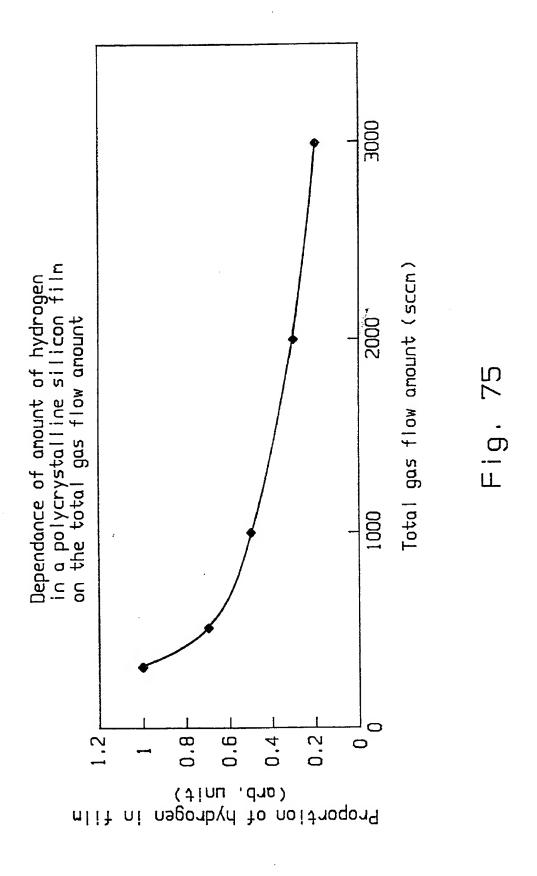


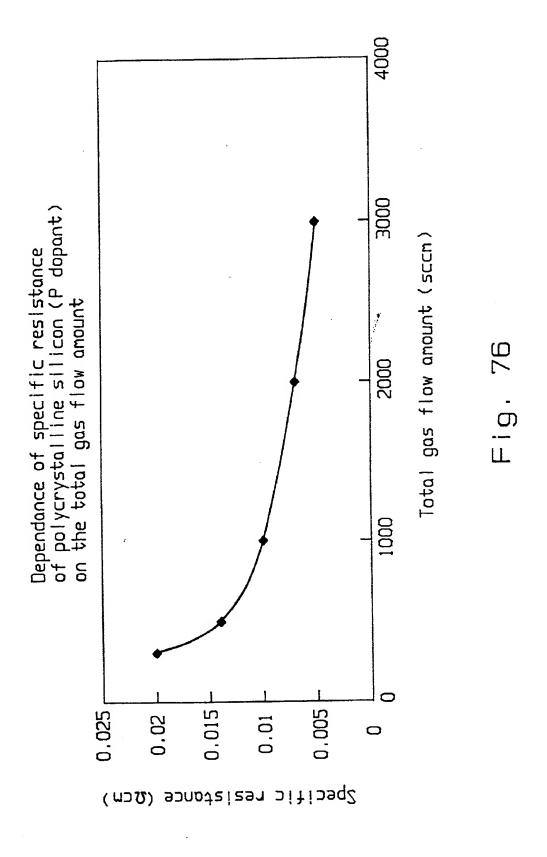


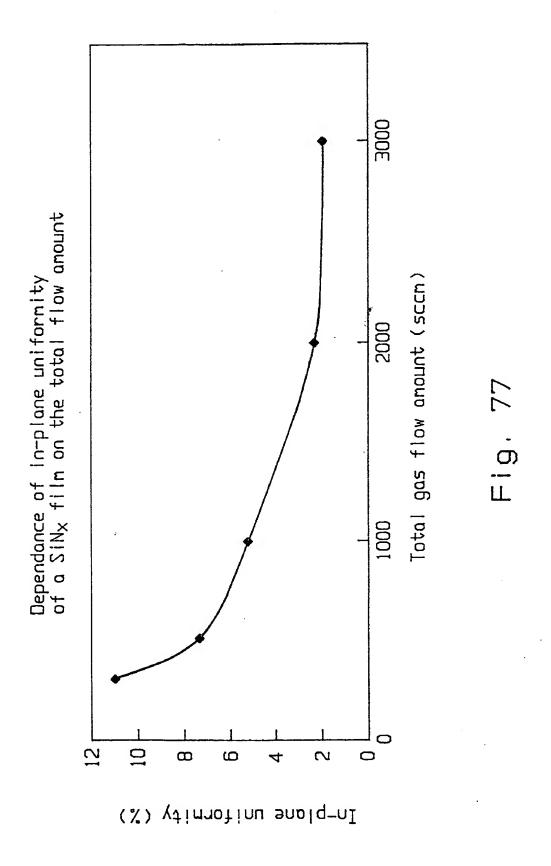


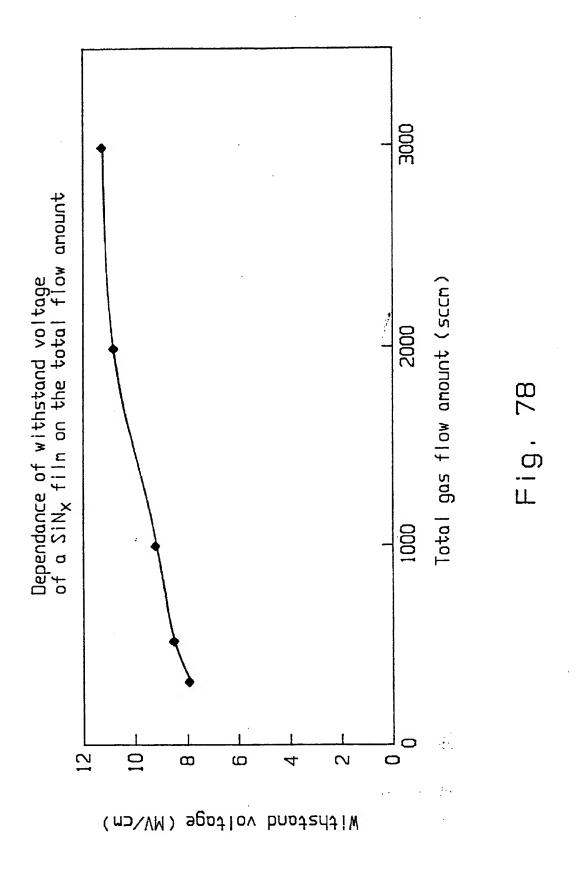


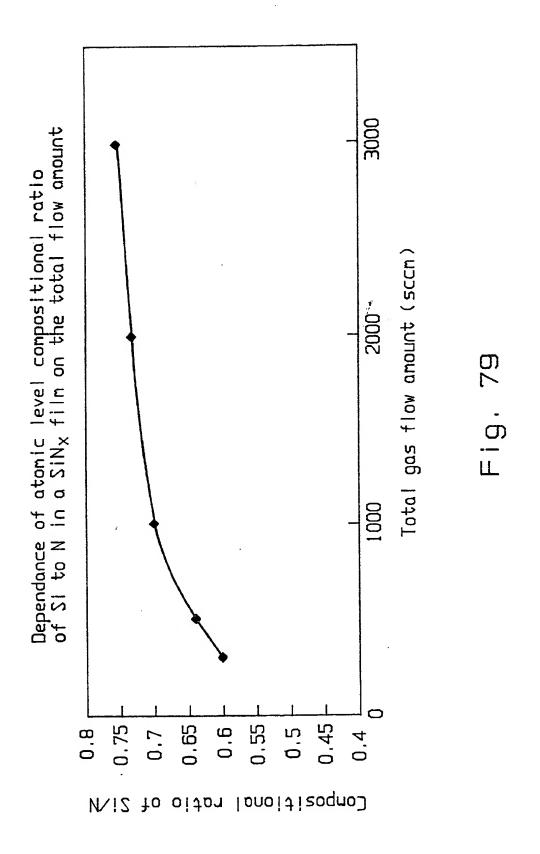












Dependence of the deposition rate of a fluorocarbon film on total gas flow amount

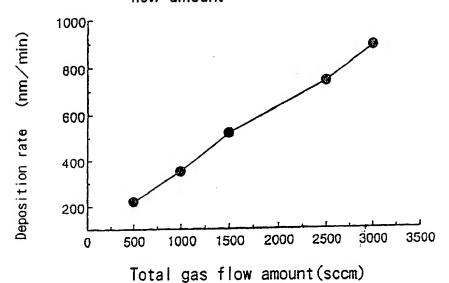
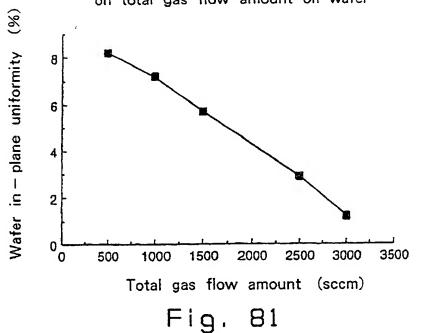
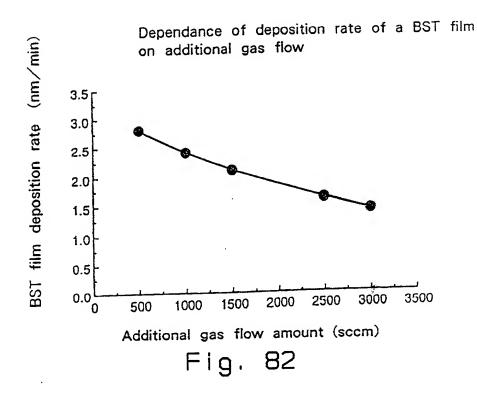


Fig. 80

Dependance of in - plane uniformity of the deposition rate of a fluorocarbon film on total gas flow amount on wafer





Dependance of th in - plane uniformity of wafer of a deposition rate of a BST film on additional gas flow

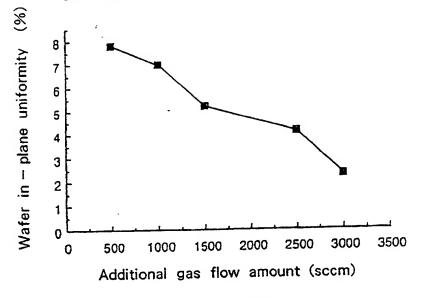
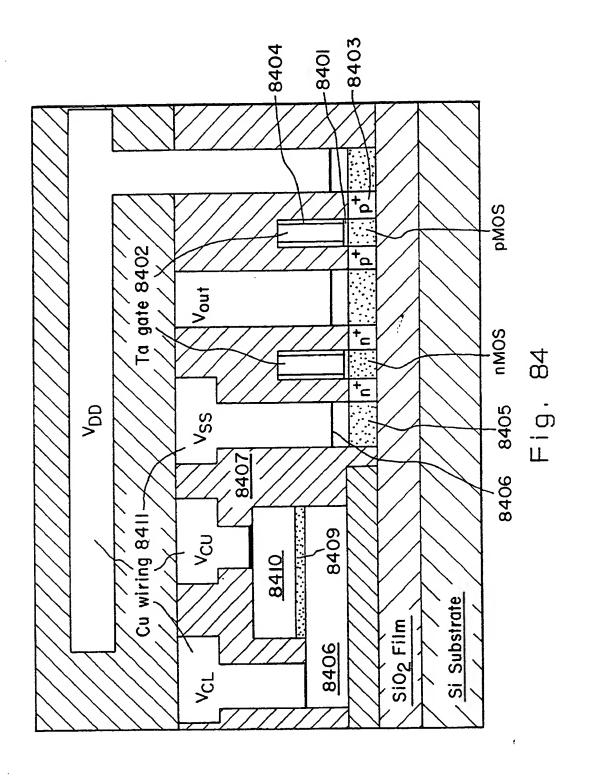
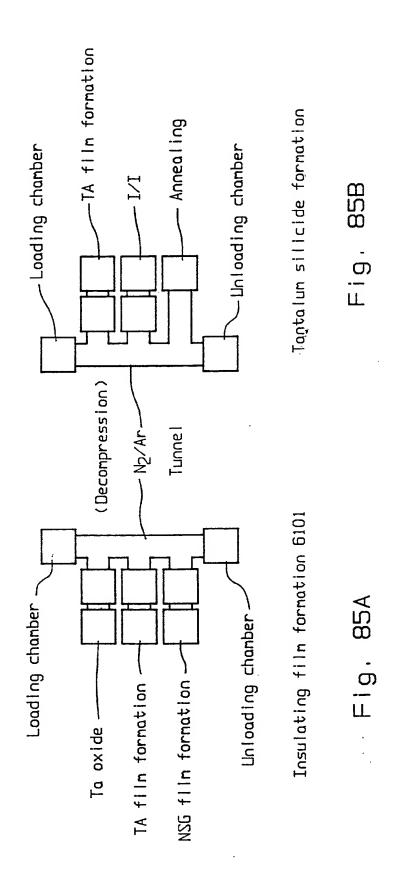
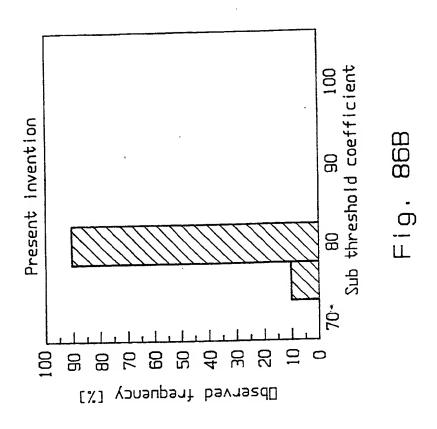
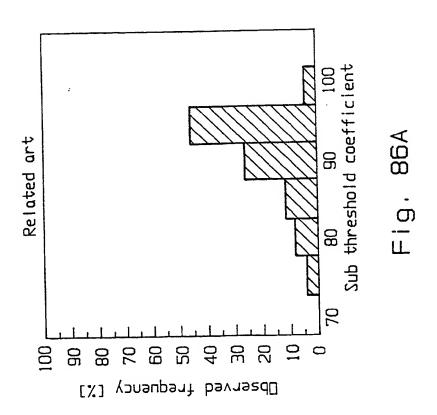


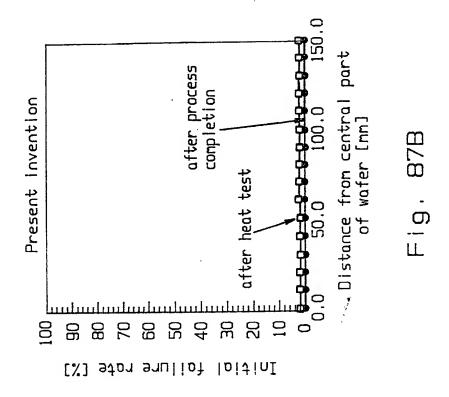
Fig. 83

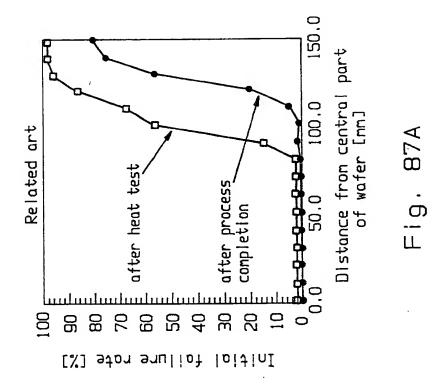


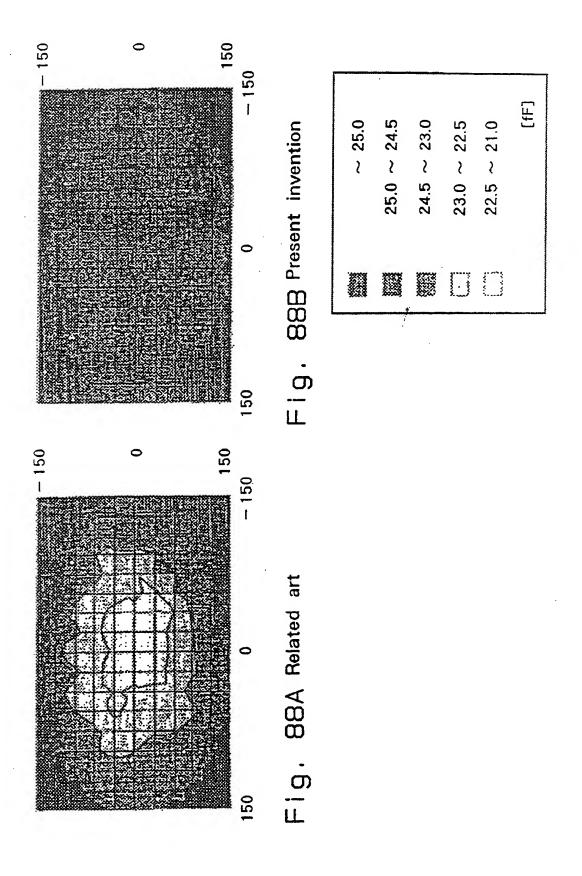


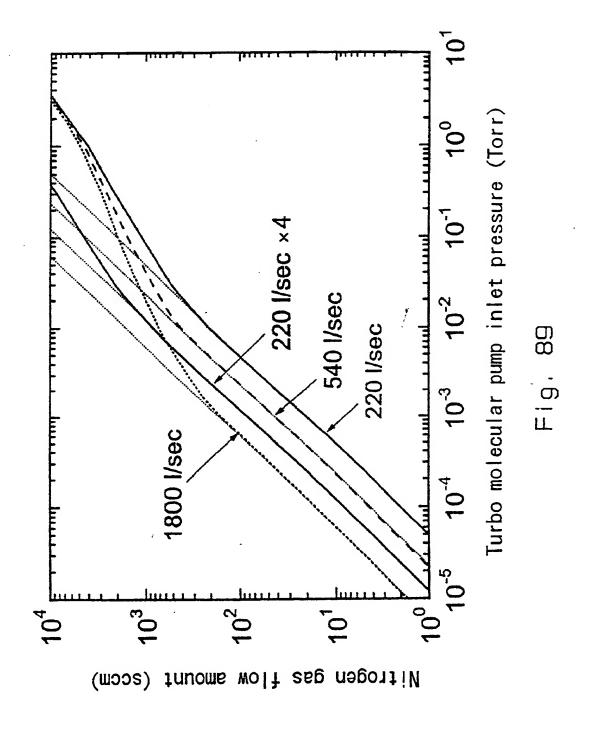


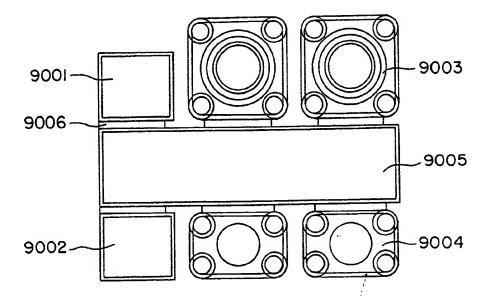






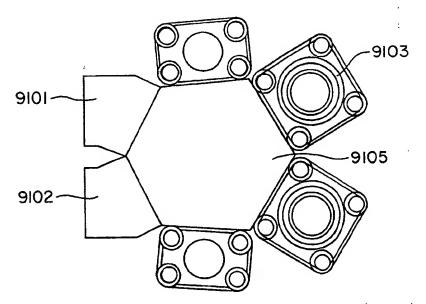






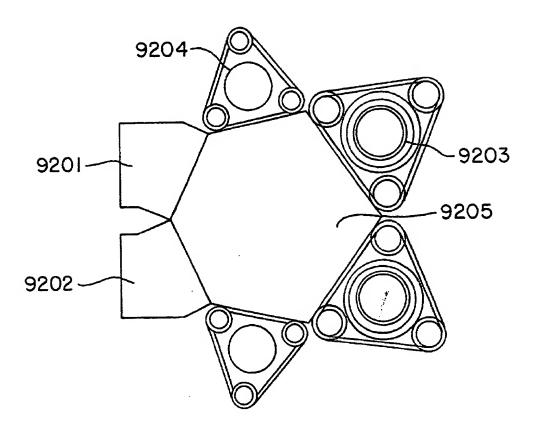
Cluster tool comprising assembly of rectangular process chamber (1)

Fig. 90



Cluster tool comprising assembly of rectangular process chamber (2)

Fig. 91



Cluster tool comprising assembly of triangular process chamber

Fig. 92

